

Abstract Of The Disclosure

[0064] The present invention is directed to a delivery catheter for use in deploying a vascular prosthesis having a self-expanding radial distal section joined to a helical section for use in a wide range of interventional applications. The delivery catheter comprises an elongated member having a balloon disposed adjacent to a distal end of the member, means for engaging the distal section of the vascular prosthesis against axial translation, and a sheath that restrains the vascular prosthesis against the elongated member during transluminal delivery. The balloon also may be used to perform angioplasty of a stenosis located within the vessel prior to deployment of the vascular prosthesis. Methods of using the delivery catheter of the present invention also are provided.